

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH
THE UNITED STATES POSTAL SERVICE AS FIRST-CLASS MAIL IN AN ENVELOPE

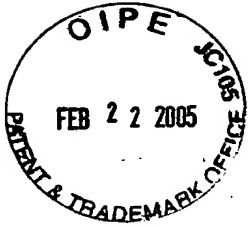
ADDRESSED TO: COMMISSIONER OF PATENTS

P.O. BOX 1450, ALEXANDRIA, VA 22313

ON February 18, 2005

Audrey Boyd

February 18, 2005
DATE



152W
1045
7A

Docket No.: B45145

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Bakaletz et al.

Serial No.: 09/719,379

Group No.: 1645

Filed: June 4, 2001

Examiner: S. J. N. Devi

For: VACCINE

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313

**AMENDMENT, REQUEST AND FEE TO DELETE AND/OR
ADD TO ORIGINAL ERRONEOUSLY NAMED OR NOT NAMED INVENTOR(S) IN -
NONPROVISIONAL APPLICATION - DECLARATION
(37 C.F.R. § 1.48(a))**

1. This amendment and petition is to:

☒ correct the incorrect original naming of inventor(s) in the declaration
under 37 C.F.R. § 1.48(a) as set forth and filed on May 30, 2001,
and/or

☐ add inventor(s) for subject matter disclosed in the application, but
previously unclaimed under 37 C.F.R. § 1.48(c).

2. Addition of Inventor(s)

☒ Add the following previously unnamed person(s) as inventor(s) of this
application:
Joseph Cohen

3. Attachments:

(a) A statement from:

- ☒ each person being added as an inventor that the error in inventorship occurred without deceptive intention on his or her part. 37 C.F.R. § 1.48(a)(1).
- ☐ each person being deleted as an inventor that the error in inventorship occurred without deceptive intention on his or her part. 37 C.F.R. § 1.48(a)(1).
- ☐ each person being added as an inventor that the amendment is necessitated by amendment of the claims and that the inventorship error occurred without deceptive intention on his or her part. 37 C.F.R. § 1.48(c)(1).

(b) ☒ a declaration by each of the actual inventor(s) as required by 37 C.F.R. § 1.63 (or as permitted by §§ 1.42, 1.43, or 1.47). 37 C.F.R. § 1.48(a)(2).

(c) ☒ written assent of the assignee 37 C.F.R. 1.48(a)(4).

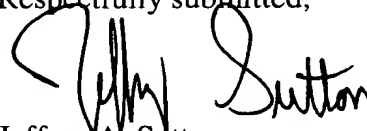
(d) ☐ Attached is an explanation of facts, including the ownership of all the claim(s) being claimed in this application, including the ownership of all the claim(s) at the time the last claimed invention was made (Declaration of Inventorship and Common Ownership of Claims in Application).

4. Fee Payment (37 C.F.R. § 1.17(I))

The fee required is paid as follows:

- ☐ Enclosed is a check for \$130.00
- ☒ Authorization is hereby made to charge the amount of \$130.00 to Deposit Account No. 19-2570.
- ☒ Charge any additional fees required by this paper or credit any overpayment in the manner authorized above.
A duplicate of this paper is attached.

Respectfully submitted,



Jeffrey A. Sutton
Attorney for Applicants
Registration No. 34,028

GLAXOSMITHKLINE
Corporate Intellectual Property - UW2220
P.O. Box 1539
King of Prussia, PA 19406-0939
Phone (215) 270-6316
Facsimile (215) 270-5090
N:\AS\PTO\B45145\Petition to Amend Inventorship.doc



CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED
WITH THE UNITED STATES POSTAL SERVICE AS FIRST-CLASS MAIL IN AN
ENVELOPE ADDRESSED TO: COMMISSIONER OF PATENTS

P.O. BOX 1450, ALEXANDRIA, VA 22313

ON February 18, 2005

Mudney Boyd

February 18, 2005
DATE

Docket No.: B45145

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Bakaletz et al.

Serial No.: 09/719,379

Group No.: 1645

Filed: June 4, 2001

Examiner: S. J. N. Devi

For: VACCINE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

02/25/2005 LWONDIM1 00000143 192570 09719379

01 FC:1464

130.00 DA

STATEMENT OF OMITTED INVENTOR
37 CFR 1.48(a)(2)

I, Joseph Cohen, of Rixensart, Belgium, declare that I am an inventor to the above-identified application and that the error in inventorship occurred without deceptive intention on my part. I was properly named as an inventor on the corresponding parent PCT application, WO 99/64067 (copy enclosed), but my name was inadvertently omitted from the Declaration and Power of Attorney during National Stage Commencement under 35 U.S.C. 371(c).

Joseph Cohen

Joseph Cohen

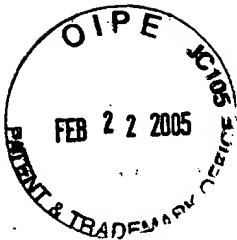
13/01/05

Date

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : A61K 39/02, 39/00, 39/102, 38/00, C07H 21/04, 21/02, C07K 16/00, C12P 21/06, 21/04, C12N 1/20, G01N 33/53	A2	(11) International Publication Number: WO 99/64067 (43) International Publication Date: 16 December 1999 (16.12.99)
(21) International Application Number: PCT/US99/11980 (22) International Filing Date: 28 May 1999 (28.05.99) (30) Priority Data: 9812613.9 11 June 1998 (11.06.98) GB (71) Applicants (for all designated States except US): SMITHK- LINE BEECHAM BIOLOGICALS S.A. [BE/BE]; Rue de l'Institut 89, B-1330 Rixensart (BE). OHIO STATE UNI- VERSITY RESEARCH FOUNDATION [US/US]; 1960 Kenny Road, Columbus, OH 43210-1063 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): BAKALETZ, Lauren, O. [US/US]; 700 Children's Drive, Columbus, OH 43205 (US). COHEN, Joseph [US/BE]; Rue de l'Institut 89, B-1330 Rixensart (BE). DEQUESNE, Guy [BE/BE]; Rue de l'Institut 89, B-1330 Rixensart (BE). LOBET, Yves [BE/BE]; Rue de l'Institut 89, B-1330 Rixensart (BE). (74) Agents: DUSTMAN, Wayne, J. et al.; SmithKline Beecham Corporation, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).		(81) Designated States: AE, AL, AU, BA, BB, BG, BR, CA, CN, CZ, EE, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.</i>
(54) Title: VACCINE		



CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED
WITH THE UNITED STATES POSTAL SERVICE AS FIRST-CLASS MAIL IN AN
ENVELOPE ADDRESSED TO: COMMISSIONER OF PATENTS

P.O. BOX 1450, ALEXANDRIA, VA 22313

ON February 18, 2005

Audrey Boyd
February 18, 2005
DATE

Docket No.: B45145

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Bakaletz et al.

Serial No.: 09/719,379

Group No.: 1645

Filed: June 4, 2001

Examiner: S. J. N. Devi

For: VACCINE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

STATEMENT OF ASSIGNEE FOR CORRECTION OF INVENTORSHIP
37 CFR 1.48(a)(5)

Assignees

SmithKline Beecham Biologicals S.A.

Rue de l'Institut 89, B-1330, Rixensart, Belgium and

Ohio State University Research Foundation

1960 Kenny Road, Columbus, Ohio 43210-1063, United States of America

Assignment

☒ Recorded on June 4, 2001

Reel 011858

Frame 0062

Serial No.: 09/719,379
Filing Date: June 4, 2001

- ☐ Recorded herewith
☐ A separate ☐ "ASSIGNMENT" (DOCUMENT) COVER SHEET
is attached.

or

- ☐ Form PTO 1595 is attached.

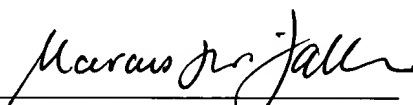
Assignee hereby assents to the correction of inventorship filed

- ☒ herewith.
☐ on _____.


We, SmithKline Beecham Biologicals, S.A. and Ohio State University Research
Foundation, are joint owners in the above-identified application.

It is noted that Dr. Joseph Cohen is an omitted inventor. Dr. Cohen was properly named
as an inventor on the parent International Application, WO 99/64067 (copy enclosed), but
was inadvertently omitted from the U.S. Declaration and Power of Attorney during
National Stage Commencement under 35 U.S.C. 371(c).

We assent to the correction of Inventorship.



Authorized Representative
SmithKline Beecham Biologicals, S.A.



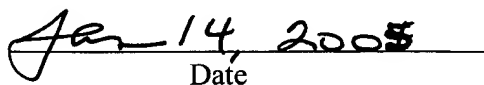
Authorized Representative
Ohio State Univ. Research Foundation

ATTORNEY AND AUTHORIZED OFFICIAL
Title

11 FEB 2005

Date

Interim Assoc VP, Technology Transfer
Title



Date

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶: A61K 39/02, 39/00, 39/102, 38/00, C07H 21/04, 21/02, C07K 16/00, C12P 21/06, 21/04, C12N 1/20, G01N 33/53	A2	(11) International Publication Number: WO 99/64067 (43) International Publication Date: 16 December 1999 (16.12.99)
(21) International Application Number: PCT/US99/11980 (22) International Filing Date: 28 May 1999 (28.05.99) (30) Priority Data: 9812613.9 11 June 1998 (11.06.98) GB (71) Applicants (for all designated States except US): SMITHK- LINE BEECHAM BIOLOGICALS S.A. [BE/BE]; Rue de l'Institut 89, B-1330 Rixensart (BE). OHIO STATE UNI- VERSITY RESEARCH FOUNDATION [US/US]; 1960 Kenny Road, Columbus, OH 43210-1063 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): BAKALETZ, Lauren, O. [US/US]; 700 Children's Drive, Columbus, OH 43205 (US). COHEN, Joseph [US/BE]; Rue de l'Institut 89, B-1330 Rixensart (BE). DEQUESNE, Guy [BE/BE]; Rue de l'Institut 89, B-1330 Rixensart (BE). LOBET, Yves [BE/BE]; Rue de l'Institut 89, B-1330 Rixensart (BE). (74) Agents: DUSTMAN, Wayne, J. et al.; SmithKline Beecham Corporation, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).		(81) Designated States: AE, AL, AU, BA, BB, BG, BR, CA, CN, CZ, EE, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.</i>
(54) Title: VACCINE		



DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

VACCINE

the specification of which (check one)

☐ is attached hereto.

☒ was filed on 28 May 1999 as Serial No. PCT/US99/11980
and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or Inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Number	Country	Filing Date	Priority Claimed
9812613.9	Great Britain	11 June 1998	Yes

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

Application Number	Filing Date
--------------------	-------------

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Serial No.	Filing Date	Status
------------	-------------	--------

I hereby appoint the practitioners associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number:

Customer Number 20462.

Address all correspondence and telephone calls to Jeffrey Sutton, SmithKline Beecham Corporation, Corporate Intellectual Property-U.S., UW2220, P.O. Box 1539, King of Prussia, Pennsylvania 19406-0939, whose telephone number is 610-270 6316.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Lauren Bakaletz

Inventor's Signature: Lauren O. Bakaletz Date: 9/24/04

Residence: Columbus, Ohio, United States of America

Citizenship: American

Post Office Address: SmithKline Beecham Corporation
Corporate Intellectual Property - UW2220
P.O. Box 1539
King of Prussia, Pennsylvania 19406-0939

Full Name of Inventor: Joseph Cohen

Inventor's Signature: _____ Date: _____

Residence: Rixensart, Belgium

Citizenship: American

Post Office Address: SmithKline Beecham Corporation
Corporate Intellectual Property - UW2220
P.O. Box 1539
King of Prussia, Pennsylvania 19406-0939

Full Name of Inventor: Guy Dequesne

Inventor's Signature: _____ Date: _____

Residence: Belgian

Citizenship: Rixensart, Belgium

Post Office Address: SmithKline Beecham Corporation
Corporate Intellectual Property - UW2220
P.O. Box 1539
King of Prussia, Pennsylvania 19406-0939

Full Name of Inventor: Yves Lobet

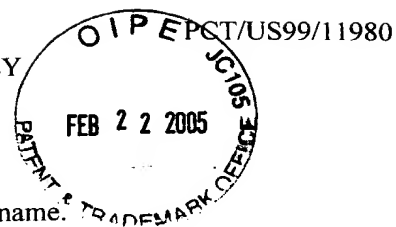
Inventor's Signature: _____ Date: _____

Residence: Belgian

Citizenship: Rixensart, Belgium

Post Office Address: SmithKline Beecham Corporation
Corporate Intellectual Property - UW2220
P.O. Box 1539
King of Prussia, Pennsylvania 19406-0939

DECLARATION AND POWER OF ATTORNEY



As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

VACCINE

the specification of which (check one)

☐ is attached hereto.

☒ was filed on 28 May 1999 as Serial No. PCT/US99/11980
and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or Inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Number	Country	Filing Date	Priority Claimed
9812613.9	Great Britain	11 June 1998	Yes

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

Application Number	Filing Date
--------------------	-------------

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Serial No.	Filing Date	Status
------------	-------------	--------

I hereby appoint the practitioners associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number:

Customer Number 20462.

Address all correspondence and telephone calls to Jeffrey Sutton, SmithKline Beecham Corporation, Corporate Intellectual Property-U.S., UW2220, P.O. Box 1539, King of Prussia, Pennsylvania 19406-0939, whose telephone number is 610-270 6316.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Lauren Bakaletz

Inventor's Signature: _____ Date: _____

Residence: Columbus, Ohio, United States of America

Citizenship: American

Post Office Address: SmithKline Beecham Corporation
Corporate Intellectual Property - UW2220
P.O. Box 1539
King of Prussia, Pennsylvania 19406-0939

Full Name of Inventor: Joseph Cohen

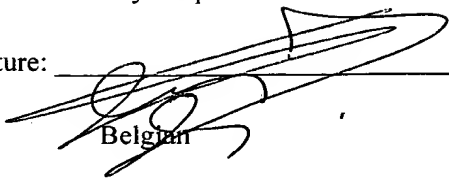
Inventor's Signature:  Date: 11. April 2003

Residence: Rixensart, Belgium

Citizenship: American

Post Office Address: SmithKline Beecham Corporation
Corporate Intellectual Property - UW2220
P.O. Box 1539
King of Prussia, Pennsylvania 19406-0939

Full Name of Inventor: Guy Dequesne

Inventor's Signature: 

Date: April 11, 2003

Residence:

Belgian

Citizenship:

Rixensart, Belgium

Post Office Address:

SmithKline Beecham Corporation
Corporate Intellectual Property - UW2220
P.O. Box 1539
King of Prussia, Pennsylvania 19406-0939

Full Name of Inventor: Yves Lobet

Inventor's Signature: 

Date: April 10, 2003

Residence:

Belgian

Citizenship:

Rixensart, Belgium

Post Office Address:

SmithKline Beecham Corporation
Corporate Intellectual Property - UW2220
P.O. Box 1539
King of Prussia, Pennsylvania 19406-0939